

29th May 2023

CCCPI /TN/PPM-1/EC Compliance/ Oct'2022 - Mar'2023/22-23/

The Joint Director
Ministry of Environment, Forest & Climate Change
Government of India
IRO, 1st Floor, Additional Office Block for GPOA,
Shastri Bhawan, Haddows Road,
Nungambakkam
Chennai - 600 006.

Sir,

Sub: Submission of Six Monthly Environmental Clearance Compliance & Environmental Monitoring Reports (Oct'2022 - Mar'2023) – Pudupalayam Limestone Mine I (37.0 ha) of Chettinad Cement Corporation Private Limited at Pudupalayam Village, Ariyalur Taluk & District, Tamilnadu.

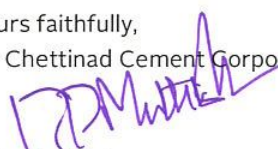
Ref: Environmental Clearance granted by MoEF vide Letter No : J-11015/444/2006-IA II (M)
dated 08.11.2007

We submit herewith the Six Monthly Environmental Clearance Compliance & Environmental Monitoring Reports, as detailed below, for the Pudupalayam Limestone Mine I (37.0 ha) located at Pudupalayam Village, Ariyalur Taluk & District, Tamilnadu for the period from Oct'2022 - Mar'2023.

- a. Environmental Clearance Compliance Report - Annexure 1
- b. Environmental Monitoring Report comprising of
 - i. Ambient Air Quality Monitoring - Consolidated Report - Annexure 2
 - ii. Noise Level Monitoring - Consolidated Report - Annexure 3
 - iii. Ground Water Quality Monitoring Report- Annexure 4
 - iv. Environment & Safety Management Cell Committee – Annexure 5
 - v. TNPCB AAQ survey report – Annexure 6

Kindly Acknowledge the receipt of the same.

Yours faithfully,
for Chettinad Cement Corporation Private Limited



R. P. Muthiah
Vice President (Works)

Copy to :

Zonal Office, CPCB, Bangalore
Member Secretary, TNPCB, Chennai.
JCEE, TNPCB, Trichy
DEE, TNPCB, Ariyalur

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Chettinad Cement Corporation Private Limited**Pudupalayam Limestone Minel**

Pudupalayam Village, Ariyalur Taluk & District, Tamilnadu

Environmental Clearance (EC) Compliance Report (October-22 to March-23)

(EC granted by MoEF vide Letter No : J-11015/444/2006-IA II (M) dated 08.11.2007
For a Mining Capacity of 0.9 million ton per annum & Mining Lease Area of 37.0 ha)

SPECIFIC CONDITIONS

S.No	Specific Condition	Compliance Status
i.	Top soil shall be stacked properly with proper slope with adequate safeguards and shall be back filled for reclamation and rehabilitation of mined out area.	Complied. The topsoil was stored at earmarked site and used for greenbelt development.
ii.	Over burden shall be stacked at earmarked dump site (s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be of 10m and over all slope of the dump shall not exceed 28 degree. The mine pit area shall be reclaimed by back filling the OB in a phased manner. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.	Complied. The over burden removed was stacked in the earmarked location and the dumps was not kept active and using for formation of bunds along the boundary of ML area. The current height of the dump is 10 m and the slope of the dump is 26°. The maximum height of three terraces is not exceeding 30 m in total. The overall slope of the dump being maintained at 28°. <p>The mined out pits were reclaimed using the over burden after exhausting the mineral in the pit as per IBM approved Scheme of Mining. The reclaimed area was planted with native species.</p> <p>Planting native species on the dump was done to prevent erosion and surface run off.</p> <p>The status of compliance report was submitted to the Ministry of</p>



S.No	Specific Condition	Compliance Status
		Environment, Forest & Climate Change once in every six months
iii.	Garland drains of appropriate size shall be constructed to arrest silt and sediment flows from soil, and mineral dumps. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de silted particularly after monsoon and maintained properly. Garland drain (size, gradient and length) shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rain fall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.	<p>Complied.</p> <p>Garland drain of 0.7 m width, 0.8m depth had been constructed for top soil and overburden dumps and around the mine pit.</p> <p>The water collected in the sump of the Mine Pit is utilized for domestic purpose and green belt development.</p> <p>As the rainwater is being collected in the in the sump at the bottom most bench of the Mine Pit, there is no possibility of overflow from the Mine Pit and sufficient retention time is available for the settling of solid particles/silt materials.</p> <p>The garland drains are being desilted at regular intervals.</p>
iv.	Drilling and blasting shall be by using dust extractors / wet drilling.	<p>Complied.</p> <p>Non-conventional Method of Mining was adopted. Hence, there was no drilling & blasting carried out.</p>
v.	Plantation shall be raised in an area of 7.95 ha including green belt of adequate width by planting the native species around the ML area, roads, OB dump sites etc., in consultation with the local DFO /Agriculture Department. The density of the trees shall be around 2500 plants per ha. Selection of plant species shall be as per CPCB guidelines. Herbs and shrubs shall also form a part of afforestation programme besides trees plantation. Green belt development and selection	<p>Complied.</p> <p>The details of greenbelt development carried out in consultation with the local DFO/Agriculture Department in the ML area are given below.</p> <p>ML area : 37.0 ha</p> <p>Recommended greenbelt area: 7.95 ha</p> <p>Saplings planted so far : 23570</p> <p>Extent of existing greenbelt area : 10.23 ha</p> <p>Tree Density : 2000 /ha</p>



S.No	Specific Condition	Compliance Status
	of plant species shall be as per CPCB guidelines. Details of year wise afforestation Including rehabilitation of mined out area shall be submitted to ministry within six months.	Saplings Planted Following native species are selected for plantation. <ol style="list-style-type: none"> Neem Pongan Vembu Pouvarasa Illupai Teak Tamrind Greenbelt Development Plan Greenbelt development was carried out progressively.
vi.	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director Central Ground water Board.	Complied. Garland drains were provided to divert and collect rainwater in the sump. The quantity of water collected at the lower benches inside the pit is used for Green belt development. Excess water is stored in the pit itself to augment ground water recharge.
vii.	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year – pre monsoon (April – May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to MOEF, Central Ground water Authority and Regional Director Central Ground water Board.	Complied. Regular monitoring of ground water quality is being carried out by establishing a network of existing wells on a quarterly basis and the data collected are being submitted to MoEF &CC, Central Ground water Authority and Regional Director Central Ground water Board.
viii.	Prior permission from the competent authority shall be obtained for drawl of ground water if any.	Complied. The mine requires around 4 m ³ of water/day for domestic purpose and greenbelt development. Rainwater collected in the sump is used and no ground water is being drawn.



S.No	Specific Condition	Compliance Status
ix.	Detailed hydro-geological study shall be carried out and submitted to the ministry within one year. The study shall include action plan to contain adverse effect, if any on ground water regime. This study shall be submitted to ministry with six months from the date of issue of this letter.	Complied. Ground water table was not intersected during mining operation
x.	Ground water shall be periodically monitored for contamination due to mining activity.	Complied. Ground water quality in and around the mines is being monitored periodically by NABL accredited Agency.
xi.	Land use pattern of the nearby villages shall be studied and action plan for abatement and compensation for damage to agricultural land or common property land (if any) due to mining activity shall be submitted to the ministry within six months.	Complied. Study on land use pattern of nearby villages had already been conducted and included in EIA Report. The EIA Report had been submitted to the Regional Office of MoEF, Bangalore. No Mining operation at present.
xii.	Socio economic profile of population in the nearby villages shall be studied and action plan for their rehabilitation including formation of self help groups who can facilitate promotion of economic opportunity for local people shall be submitted for record.	Complied. Detailed Socioeconomic profile study had already been conducted and included in EIA Report. The EIA Report had been submitted to MoEF, Bangalore. we were carrying out various social welfare activities for the benefit of the local population near the mines.
xiii.	Maintenance of village roads through which transportation of ores are undertaken shall be carried out by the company regularly at its own expenses.	Complied. At present no mining and transport activities
xiv.	Any existing water bodies or those created during the course of mining may be utilized to develop pisci-culture by organizing fisherman cooperative society with the land losers, if any or villagers from nearest village as members. The poorer section of the society shall be specially inducted as	Complied. The mined out area was converted into rainwater harvesting pond.

S.No	Specific Condition	Compliance Status
	members of such a society to be developed. Initial financial assistance for creation of the society shall be provided and sustainable programme shall be developed so that the members themselves can run the affairs of the society in due course. The project proponent shall also arrange marketing tie up so that society gets fair price of their product and the profits are equitably shared by the members of the society as regular source of income.	
xv.	Water to be supplied for drinking purpose shall be treated to prescribe standards. Monitoring of water quality for drinking shall be undertaken on daily basis and records maintained.	Complied. Potable water is being supplied for drinking purpose. The quality of water is being monitored on regular basis.
xvi.	Occupational health surveillance program of the workers shall undertake periodically to observe any contractions due to exposure to dust and corrective measures, if needed. Occupational health and safety measures for the workers including identification of work related hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The company shall engage a full time qualified doctor who is trained in occupational health surveillance. Periodic monitoring of exposure to mineral dust on the workers shall be conducted and records maintained including health records of the workers.	Complied. Occupational health surveillance programs for the workers were being undertaken periodically. Awareness programme on Occupational Health, Diseases and Safety measures were conducted on regular basis. The types of training programmes were conducted which includes a. Induction Training b. Job specific Training covering health and safety aspects c. Refresher Training Occupational Health Surveillance by a qualified doctor, trained in occupational health was carried out and Surveillance Health records of the workers were maintained.
xvii.	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of	No dispatch of limestone from this pit and the operation was discontinued



S.No	Specific Condition	Compliance Status
	mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.	
xviii.	A Final mine closure plan, along with details of corpus fund, shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.	Will be Complied. Final Mine Closure Plan along with details of Corpus Fund will be submitted to the MOEF, TN, well in advance, prior to the final mine closure for approval.

Part B – General Conditions

S.No	General Condition	Compliance Status
i.	No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Complied. No change in mining technology and scope of working.
ii.	No change in calendar plan including excavation, quantum of mineral, Limestone ore and waste shall be made.	Complied. No change in calendar plan including excavation, quantum of mineral.
iii.	Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with local forest and wildlife department.	Complied. The core zone is a dry, barren land with scanty bushes. Mining Operation was carried out by taking all precautions and complying with the conditions stipulated by MoEF & CC, CPCB, TNPCB and IBM. As non-conventional method of mining was adopted, no drilling and blasting were involved. A thick greenbelt was developed as a noise and dust barrier. The control measures were adopted to ensure that no significant impact on the flora and fauna in the study area.



S.No	General Condition	Compliance Status
iv.	Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RPM,SPM,SO ₂ ,NO _x monitoring. Location of the stations should be decided based on meteorologically data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with State Pollution Control Board.	Complied. Four Ambient Air Quality Monitoring Stations were established in the core zone as well as in the buffer zone for monitoring PM _{2.5} & PM ₁₀ and NO _x and SO ₂ in the ambient air in consultation with Tamilnadu Pollution Control Board. Monthly Monitoring is being conducted regularly and reports were submitted.
v.	Data on ambient air quality (RPM, SPM, SO ₂ , Nox) should be regularly submitted to the ministry including Regional office at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.	Complied. Data on Ambient Air Quality (PM _{2.5} & PM ₁₀ , NO _x & SO ₂) is being regularly submitted to the Regional Office of the MoEF & CC, Chennai,TNPCB and CPCB once in six months.
vi.	Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer points shall be provided and maintained.	Complied. Adequate measures were carried out to control fugitive emission as given below. <ul style="list-style-type: none"> a. Water Sprinkling before loading and unloading the top soil b. Water Sprinkling while handling materials containing finer particles c. Covering of materials with tarpaulin before commencement of transport d. Speed Control e. Avoiding overloading f. Good maintenance of vehicles and mining machinery There are no transfer points as no conveyor has been installed.



S.No	General Condition	Compliance Status
vii.	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM etc shall be provided with ear plugs/muffs.	Complied. Measures like silencers, greenbelt along the boundary of ML Area, etc., were provided and the good maintenance of Mining Machinery.
viii.	Industrial waste water (Workshop and waste water) should be properly collected, treated so as to confirm to the standards prescribed under GSR 422(E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.	Complied. No workshop was provided within the Mine Lease Area. No Mining operation at present. Hence, the requirement of providing oil and grease trap is not envisaged.
ix.	Personnel working in dusty areas shall wear protective respiratory devices and they also be provided with adequate training and information on safety and health aspects.	Complied. Persons working in the mine were given adequate training, information on safety and health aspects and the employees were provided with required Personal Protective Equipment (PPE).
x.	A separate Environment Management cell with suitable qualified personnel shall be set-up under the control of senior executive, who will directly report to the Head of organization.	Complied. A separate Environmental Cell was created to take care of EHS function and the Head of the Cell is being directly reporting to the Head of the Organization for complying with environmental regulations and implementing pollution control measures.
xi.	The Project Authorities shall inform to the Regional office located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and date of start of land development work.	Complied. As the internally accrued fund has been invested, the requirement of informing the date of financial closures and final approval of the project to the Regional Office of MoEFCC, Chennai is not envisaged. The date of commencing land development work had been informed



S.N o	General Condition	Compliance Status
		to the Regional Office of MoEF & CC, Bangalore.
xii.	The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the ministry and its regional office located at Bangalore.	Complied. The funds earmarked for environmental protection measures were being kept in separate account. Year wise expenditure reports were submitted to the ministry and its regional office located at Chennai.
xiii.	The project authorities shall inform to the Regional office located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land developmental work.	Complied. As the internally accrued funds had been invested, the requirement of informing the date of financial closures and final approval of the project to the Regional Office of MoEF & CC, Chennai is not envisaged. The date of commencing land development work had been informed to the Regional Office of MoEF & CC, Bangalore.
xiv.	The Regional office of this ministry located at bangalore shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer(s) of the Regional office by furnishing the requisite data/information/monitoring reports.	Complied. Full cooperation to the officer (s) of the Regional Office of MoEF & CC, Chennai will be extended by furnishing the requisite data/information / monitoring reports.
xv.	A copy of the clearance letter will be marked to concerned Panchayat / local NGO ,If any, from whom suggestion/ representation has been received while processing the proposal.	Complied. A copy of the Environmental Clearance letter was sent to Pudupalayam Panchayat on 25.11.2007.
xvi.	State pollution control board should display a copy of clearance letter at the regional office, District industry centre and collector's office/Tehsildar's office	Condition noted.
xvii.	The project authorities shall advertise at least in two local newspaper widely	Complied. Advertised in English (New Indian



S.No	General Condition	Compliance Status
	<p>circulated, one of which shall be in the vernacular language of the locality concerned with in 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of clearance letter is available with State Pollution Control Board and also at the website of the Ministry of Environment & Forests at http://envfor.nic.in and a copy of the same should be forwarded to Regional Office of this Ministry located at Bangalore</p>	<p>Express) and in Tamil (Dinamani) and the copies of clearance letter are being made available with the TNPCB and also can be seen at website of the MOEF at http://envfor.nic.in.</p> <p>The copies of advertisement were submitted to Regional Office of MoEF, Bangalore</p>

for M/s. Chettinad Cement Corporation Private Limited

R.P. Muthiah

Vice President (Works)



ANNEXURE 2

Chettinad Cement Corporation Private Limited -Pudupalayam Limestone Mine													
Pudupalayam Village , Ariyalur District, Tamilnadu State													
Ambiant Air Quality Monitoring- Consolidated Report (Oct-22 to Mar 23)													
S.No	Location	PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			SO ₂ (µg/m ³)			NOx (µg/m ³)		
		Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	View Point	63.6	55.5	59.7	29.0	24.9	27.4	10.4	9.4	10.0	24.4	19.7	21.9
2	Loading area	60.9	57.4	58.8	28.6	26.6	27.5	11.1	9.4	10.1	23.0	21.1	22.0
3	Haul road	56.6	50.2	54.3	26.1	21.4	24.2	9.0	8.8	8.9	19.3	18.6	18.8
4	Dump yard	59.1	51.8	54.8	27.6	20.4	24.1	10.8	8.1	9.5	19.7	17.0	18.3
5	Thellur Village	54.9	54.9	54.9	26.0	26.0	26.0	9.0	9.0	9.0	20.1	20.1	20.1
6	Naickar palayamvillage	58.1	58.1	58.1	28.4	28.4	28.4	10.6	10.6	10.6	18.6	18.6	18.6
7	VellipringiyamVillage	56.3	56.3	56.3	24.6	24.6	24.6	9.3	9.3	9.3	21.7	21.7	21.7
8	Pudupalayam Village	59.1	59.1	59.1	27.7	27.7	27.7	9.8	9.8	9.8	22.3	22.3	22.3
Norm		100 µg/m ³			60 µg/m ³			80 µg/m ³			80 µg/m ³		

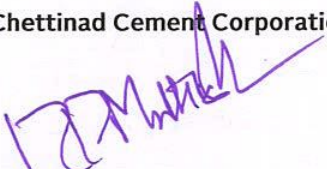
for Chettinad Cement Corporation Private Limited

R.P. Muthiah
Vice President (Works)



Chettinad Cement Corporation Private Limited -Pudupalayam Limestone Mine								
Pudupalayam Village , Ariyalur District, Tamilnadu State								
Noise Level Monitoring- Consolidated Report (Oct-22 to Mar 23)								
S.No	Location	UoM	Day			Night		
			L _{min}	L _{max}	L _{eq}	L _{min}	L _{max}	L _{eq}
Within the Premises								
1	Office Mines	dB(A)	16.8	17.4	17.1	16.0	16.2	16.1
2	Loading Area	dB(A)	17.5	18.0	17.7	16.5	16.7	16.6
Limit (L _{eq})		dB(A)	85			85		
S.No	Location	UoM	Day			Night		
			L _{min}	L _{max}	L _{eq}	L _{min}	L _{max}	L _{eq}
Outside the Premises								
1	Reddipalayam Village	dB(A)	16.6	16.8	16.7	13.7	14.4	14.1
2	Nerinjikorai Village	dB(A)	16.4	16.6	16.5	13.7	14.4	14.1
Limit (L _{eq})		dB(A)	55			45		

for Chettinad Cement Corporation Private Limited


R.P. Muthiah
 VICE PRESIDENT (WORKS)



Chettinad Cement Corporation Private Limited - Pudupalayam Limestone Mine						
Pudupalayam Village, Ariyalur District, Tamilnadu						
Ground Water Quality Monitoring Report (Oct -23 to Mar 23)						
S.No	Parameter	UoM	GW1	GW2	SW3	Limit
1	pH	-	7.2	7.48	8.39	5.5 - 9.0
2	Temperature	Deg C	30.5	30.45	30.25	40
3	Particle size for TSS	-	100%	100%	100%	Shall pass 850 micron IS Sieve
4	TSS	mg/l	BDL(DL:1.0)	BDL(DL:1.0)	BDL(DL:1.0)	100
5	TDS	mg/l	811	759	619	2100
6	Chloride as Cl	mg/l	240	235	95	1000
7	Sulphide as S	mg/l	BLQ	BLQ	BLQ	2
8	Sulphate as SO ₄	mg/l	69	73	60	1000
9	Fluride as F	mg/l	0.3	0.3	0.3	2
10	Sodium	mg/l	86	69	49	-
11	Copper	mg/l	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	3
12	Zinc as Zn	mg/l	BLQ	BLQ	BLQ	1
13	Phenolic compounds as C ₆ H ₅ OH	mg/l	BDL(DL:0.001)	BDL(DL:0.001)	BDL(DL:0.001)	1
14	Oil & Grease	mg/l	BLQ	BLQ	BLQ	10
15	Boron as B	mg/l	0.218	0.314	0.291	2
16	BOD 3 days 27°C	mg/l	BLQ	BLQ	BLQ	30
17	COD	mg/l	BLQ	BLQ	BLQ	250
18	Total Residual Chlorine	mg/l	BLQ	BLQ	BLQ	1
19	Arsenic as As	mg/l	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	0.2
20	Cadmium as Cd	mg/l	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	2
21	Total Chromium as Cr	mg/l	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	2
22	Hexavalant Chromium	mg/l	BLQ	BLQ	BLQ	0.1
23	Lead as Pb	mg/l	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	0.1
24	Selenium as se	mg/l	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	BLQ(LOQ:0.002)	0.05
25	Mercury as Hg	mg/l	BLQ(LOQ:0.0005)	BLQ(LOQ:0.0005)	BLQ(LOQ:0.0005)	0.01
26	Pesticides	mg/l	BLQ	BLQ	BLQ	---
27	Free Ammonia as NH ₃	mg/l	BDL(DL:0.5)	BDL(DL:0.5)	BDL(DL:0.5)	5
28	Dissolved Phosphate as P	mg/l	BLQ	BLQ	BLQ	5
29	Total Kieldahl Nitrogen as N	mg/l	BDL(DL:1.0)	BDL(DL:1.0)	BDL(DL:1.0)	100
30	Cyanide as CN	mg/l	BDL(DL:0.01)	BDL(DL:0.01)	BDL(DL:0.01)	0.2
31	Nickel as Ni	mg/l	BLQ	BLQ	BLQ	3
GW 1: Pudupalayam Village						
GW2: Naickerpalayam Village, SW 3: Mines Sump Water						

for Chettinad Cement Corporation Private Limited

R.P. Muthiah
Vice President (Works)



Annexure-5

Dt.: 01.08.2022



Chettinad Cement Corporation Private Limited, Ariyalur Works
Cement Plant, Captive Power Plant & Lime Stone Mines

Internal Circular

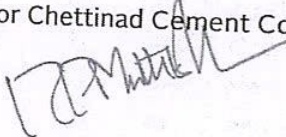
Sub: Environment & Safety Management Cell committee

Environment & Safety Management cell members is formed to take care of Environment safe guards measures in the Plant & Lime Stone Mines area. Now, the committee members are revised and listed below.

S.No.	Name of the Executive	Designation
1	Shri. R.P. Muthiah	Chairman & Plant Head
2	Shri. M. Jagadeesan	Vice Chairman & Operation Head
3	Shri. V. Ramesh	Secretary & Environment Head
4	Shri. Sivaji Samineni	Instrumentation Head
5	Shri. M.A. Rajavel	HR Head
6	Shri. M. Rajamohan	QUAS Head
7	Shri. L.V. Senthil Kumar	Electrical Head
8	Shri. S. Ramesh	Mines Head
9	Shri. P. Kanakaraj	Mech-Pre Clinkerisation Head
10	Shri. M. Radhakrishnan	Mech-Post Clinkerisation Head
11	Shri. K. Girisan	CPP Head
12	Shri. J. Meenakshi sundaram	Civil Head
13	Shri. S. Ashok Kumar	Safety Head
14	Shri. V. Palaniappan	Accounts Head
15	Shri. Dr. C. Vinoth	Medical Officer
16	Shri. M. Raja Chidambaram	Public Relations Officer(PRO)

Note- Committee will be revised after three years. Changes in the members if any to be replaced with new members within 15 days period.

for Chettinad Cement Corporation Private Limited


R. P. Muthiah

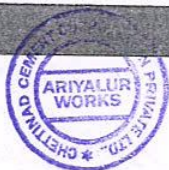
Vice President [Works]

Copy to: Team Members

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Tamil Nadu Pollution Control Board
Ambient Air Quality Survey Report

Report No:67/AAQS/2022-2023/ Dated:19.01.2023

- 1.Name and Address of the Industry : M/s.Chettinad Cements Corporation Private Limited,
 Pudupalayam Limes Stone Mine,
 Pudupalayam Village,
 Ariyalur TK,
 Ariyalur District.
- 2.Date of Survey : 06.12.2022
- 3.Duration of Survey : Eight Hours
- 4.Category : Red/Small
- 5.Consent Order No. : 2208243532687

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	29	34		30	69
Weather Condition	Clear		Rain Fall (mm)	Nil	
Predominant Wind Direction	NE to SW		Mean Wind Speed (Km/hr)	12 Km/hr	

Sl. No	Location of Sampling Stations	From Source			Pollutants in $\mu\text{g}/\text{m}^3$		
		Dire.	Dist. (m)	Ht. from gl (m)	PM ₁₀	SO ₂	NO ₂
1.	On the top of scaffolding near view point	N	350	2.0	40	7.0	8.4
2.	On the top of scaffolding near Motor pump	NE	400	2.0	45	8.9	10.0
3.	On top of scaffolding near South West boundary	SW	375	2.0	60	12.6	14.6
4.	On top of scaffolding near North West boundary	NW	350	2.0	54	10.7	12.5

K. Y. S.
 19/1/23
 Environmental Scientist

H. S. S.
 19/1/23
 Assistant Director,
 AEL, TNPCB, Trichy-15.





Tamil Nadu Pollution Control Board
Ambient Noise Level Survey Report of Analysis

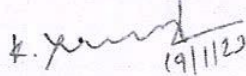
Report No: 67/AAQS/2022-2023 Dated:19.01.2023

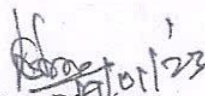
1	Name of the Industry		M/s.Chettinad Cements Corporation Private Limited,	
2.	Address of the Industry		Pudupalayam Limes Stone Mine, Pudupalayam Village, Ariyalur TK, Ariyalur District.	
3.	Date of Survey		06.12.2022	
4.	Consent Order No.		2208243532687	
5.	Category		Red/Small	
Type of Survey		Ambient	Time of Survey	Day
Meteorological Conditions			Calm	

Logging Parameters

Instrument Used	Casella	Serial No.	0499485
Logging Interval	10 Minutes in each Point	Measuring Range	50-110dB(A)
Weighting	"A"	Time Weighting	Fast
Sound Incidence	Random	Time of Survey in Hrs.	15.00-16.20 Hrs

Sl No	Location	Duration (m)	Distance (m)	Direction	Sound Level -dB(A)		
					L _{eq}	L _{Min}	L _{Max}
1.	Near view point	10	375	N	49.5	46.8	56.7
2.	Near Motor pump mines	10	400	NE	47.0	44.3	59.3
3.	Near SW boundary	10	375	SW	45.1	40.2	54.4
4.	Near western boundary	10	350	W	50.0	45.6	57.0
5.	Near NW boundary	10	400	NW	53.8	47.5	60.1


Environmental Scientist


Assistant Director,
AEL,TNPCB,Trichy-15.





Tamil Nadu Pollution Control Board
Ambient Noise Level Survey Report of Analysis

Report No: 67/AAQS/2022-2023 Dated:19.01.2023

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Meteorological Conditions		Time of Survey Day Calm

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K. Jeyaraj
19/1/23
Environmental Scientist

[Signature]
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Assistant Director,
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